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VGN-FW51JF/H

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First step in Full HD

Technical specifications

Operating System

Operating System	Genuine Windows® 7 Home Premium (64-bit)

Architecture

Platform	Intel® Centrino® 2 processor technology
Chipset	Mobile Intel® PM45 Express Chipset

Colour

Cover colour	Silver

CPU Section

Processor Name	Intel® Core™2 Duo Processor P7450
Processor Manufacturer	Intel®
Processor Speed (GHz)	2.13
L2 Cache (MB)	3

Useful Links

Product support
http://www.sony.co.uk

Frontside Bus (MHz)	1066
Number of Cores	2

Memory

Memory Size (GB)	4
Memory Speed (MHz)	800
Memory Type	DDR2 SDRAM (2x2GB)
Max. Supported Memory (GB)	8
Max Memory Comment	A portion of the system memory over 3GB may not be available to the 32bit operating system

Drives

Hard Drive Capacity (GB)	500
Hard Drive Type	Serial ATA
Hard Drive Speed (rpm)	5400
Optical Drive Type	Blu-ray Disc™ Combo Drive (reader): BD ROM/ DVD+-RW/+-R DL/RAM Drive
Optical Drive Fitting	Built-in

Drives Speed

Write	CD-R x16, CD-RW x10, DVD-R DL x4, DVD-R x8, DVD-RW x4, DVD+R DL x4, DVD+R x8, DVD+RW x4 , DVD-RAM x5
Read	CD-ROM x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD+R DL x6, DVD+R x8, DVD+RW x6, DVD-RAM x5, BD-ROM x2, BD-Rx2, BD-RE x2, BD-RE DL x2, BD-R DL x2

Display

Screen Type	X-black LCD with multiple lamp
Diagonal Size (in)	16.4
Diagonal Size (cm)	41.7
Resolution	1920 x 1080
Aspect Ratio	16:9
Resolution Type	Full HD (1920x1080)

Graphics

Graphic Card Name	

	ATI Mobility Radeon™ HD 4570 Graphics
Total Graphics Memory	Total available graphics memory of Approx. 2280MB* with dedicated GDDR3 Video Memory of 512GB
Comments	* Total Available Graphics Memory refers to the Windows® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ Std / Duo, Memory Stick™ PRO Std / Duo, high speed data transfer
SD Card Slot	1
Microphone Jack (Stereo)	1
RJ-45 Direct Port (Network)	1
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
HDMI™ out	1
Audio out	1
Audio out Type(s)	Stereo Headphones/ Speakers Jack
Express Card Slot	1
Express Card Slot Type	34mm

Connectivity

Integrated Wireless LAN	YES
Wireless LAN Max. Date Rate (Mbps)	300 (RX)/150 (TX)
Wireless LAN Range (m)	max. 100
Wireless LAN Type	802.11a/b/g/Draft n
Integrated Bluetooth (Version)	2.1 + EDR
Bluetooth Range (m)	10
Ethernet network	10BASE-T/100BASE-TX/1000BASE-T

Multimedia

Intel® High Definition Audio Compatible	YES

3D Surround	Dolby® Sound Room®
Built-in Stereo Speakers	YES

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	max. 30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

Keyboard Section

Touch Pad	1

Features

Special Buttons	Power button, Wireless switch, Short-cut Keys (S1), AV buttons
Auto Resolution	Plug and Display
Kensigton Lock	YES
Built-in Microphone	YES

Software

Solution Guide	VAIO Gate
Audio	Windows Media Player 11
Video & TV	Picture Motion Browser, VAIO Content Importer / Exporter, WinDVD BD for VAIO,VAIO Movie Story, Adobe Premiere Elements 7
Photo	Picture Motion Browser, VAIO Movie Story,Adobe Photoshop Elements 7
CD-DVD Burning	Easy Media Creator 10, Click to Disc/Editor
Home Network	VAIO Media Plus
Office Application	Adobe® Reader® 9, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	McAfee® Internet Security Suite (with 60 days free virus updates), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition), Google software package

Supplied Accessories

AC Adaptor	YES
Battery	YES

Power Cord	YES

Dimensions

Depth Main Unit (mm)	261
Height Main Unit (min - max in mm)	29 - 37
Width Main Unit (mm)	384
Weight with Supplied Battery and Supplied Drive (kg)	3.2

Battery

Battery Type	Lithium-Ion battery VGP-BPS13/S
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007
Battery Life (min)	210
Battery Charging Time (min)	220

Accessories

AC-Adapters

VGP-AC19V30

VGP-AC19V32

Bags and Carrying Cases

PCGE-CCL2

PCGE-CCP2W

VGP-MBA10

VGPE-MBMDM01/B

VGPE-MBMDM01/H

VGPE-MBMDM01/S

Batteries

VGP-BPL13

VGP-BPS13A/S

Slip Covers

VGP-CP20

Drives

VGP-UHDM25

Warranty and Service

PCGE-VPW1

PCGE-VPW2

Mice & Keyboards

VGP-BMS33/S

VGP-UMS30/B

VGP-UMS30/S

VGP-BMS77

VGP-BMS33/H

Others

VGP-BRMP10

Healthcare

PCGE-CCL2

PCGE-VPW1

PCGE-VPW2

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